



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
www.uspto.gov



CONFIRMATION NO. 2956

Bib Data Sheet

| | | | | |
|-----------------------------|-----------------------------------|--------------|------------------------|--|
| SERIAL NUMBER 09/925,615 | FILING DATE 08/09/2001 RULE | CLASS 348 | GROUP ART UNIT 2614 | ATTORNEY DOCKET NO. C01078/70002 RJP |
|-----------------------------|-----------------------------------|--------------|------------------------|--|

APPLICANTS

Jerome M. Shapiro, Belmont, MA;
 Brian Chen, Boston, MA;
 Richard J. Barron, Cambridge, MA;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **

** 09/14/2001

| | | | | | |
|---------------------------------|---|------------------------|----------------------|---------------------|--------------------------|
| Foreign Priority claimed | <input type="checkbox"/> yes <input type="checkbox"/> no | STATE OR COUNTRY MA | SHEETS DRAWING 16 | TOTAL CLAIMS 119 | INDEPENDENT CLAIMS 11 |
| 35 USC 119 (a-d) conditions met | <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance | | | | |
| Verified and Acknowledged | Examiner's Signature _____ Initials _____ | | | | |

ADDRESS

Randy J. Pritzker
 Wolf, Greenfield & Sacks, P.C.
 Federal Reserve Plaza
 600 Atlantic Avenue
 Boston, MA 02210

TITLE

Embedded information modulation and demodulation using spectrum control orthogonal filter banks

| | | |
|--------------------------------|---|--|
| FILING FEE RECEIVED 1811 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | <input type="checkbox"/> All Fees |
| | | <input type="checkbox"/> 1.16 Fees (Filing) |
| | | <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) |
| | | <input type="checkbox"/> 1.18 Fees (Issue) |
| | | <input type="checkbox"/> Other _____ |
| | | <input type="checkbox"/> Credit |